Jim X Shen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3353528/publications.pdf

Version: 2024-02-01

35	885	586496 16	536525 29
papers	citations	h-index	g-index

36	36	36	910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strategy for the Quantitation of a Protein Conjugate via Hybrid Immunocapture-Liquid Chromatography with Sequential HRMS and SRM-Based LC-MS/MS Analyses. Analytical Chemistry, 2017, 89, 5144-5151.	3.2	14
2	A multiplexed immunocapture liquid chromatography tandem mass spectrometry assay for the simultaneous measurement of myostatin and GDF-11 in rat serum using an automated sample preparation platform. Analytica Chimica Acta, 2017, 979, 36-44.	2.6	13
3	A validated LCâ€“MS/MS method for the quantitative measurement of creatinine as an endogenous biomarker in human plasma. Bioanalysis, 2016, 8, 1997-2005.	0.6	11
4	Selective Reaction Monitoring of Negative Electrospray Ionization Acetate Adduct Ions for the Bioanalysis of Dapagliflozin in Clinical Studies. Analytical Chemistry, 2015, 87, 3247-3254.	3.2	26
5	Strategies for improving sensitivity and selectivity for the quantitation of biotherapeutics in biological matrix using LC-MS/MS. Expert Review of Proteomics, 2015, 12, 125-131.	1.3	14
6	Development and validation of a liquid chromatography tandem mass spectrometry assay for the quantitation of a protein therapeutic in cynomolgus monkey serum. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 988, 81-87.	1.2	11
7	A UHPLCâ€“MS/MS bioanalytical assay for the determination of BMS-911543, a JAK2 inhibitor, in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 991, 85-91.	1.2	7
8	Dried blood spot analysis without dilution: Application to the LCâ€“MS/MS determination of BMS-986001 in rat dried blood spot. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1002, 201-209.	1.2	3
9	LCâ€“MS/MS determination of apixaban (BMS-562247) and its major metabolite in human plasma: an application of polarity switching and monolithic HPLC column. Bioanalysis, 2014, 6, 2071-2082.	0.6	43
10	Reasons for calibration standard curve slope variation in LCâ€“MS assays and how to address it. Bioanalysis, 2014, 6, 1439-1443.	0.6	17
11	Bioanalysis of propylparaben and p-hydroxybenzoic acid, and their sulfate conjugates in rat plasma by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 947-948, 68-74.	1.2	9
12	Sensitivity-based analytical approaches to support human absolute bioavailability studies. Bioanalysis, 2014, 6, 497-504.	0.6	19
13	A Novel and Cost Effective Method of Removing Excess Albumin from Plasma/Serum Samples and Its Impacts on LC-MS/MS Bioanalysis of Therapeutic Proteins. Analytical Chemistry, 2014, 86, 8336-8343.	3.2	66
14	Improved ruggedness of an ionâ€pairing liquid chromatography/tandem mass spectrometry assay for the quantitative analysis of the triphosphate metabolite of a nucleoside reverse transcriptase inhibitor in peripheral blood mononuclear cells. Rapid Communications in Mass Spectrometry, 2013, 27, 481-488.	0.7	16
15	Fit-for-purpose bioanalytical cross-validation for LCâ€“MS/MS assays in clinical studies. Bioanalysis, 2013, 5, 83-90.	0.6	16
16	Bioanalysis for Service Users. , 2013, , .		1
17	A validated enantioselective LCâ€“MS/MS assay for the simultaneous determination of carvedilol and its pharmacologically active 4â€²-hydroxyphenyl metabolite in human plasma: Application to a clinical pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 574-579.	1.4	25
18	Overcoming bioanalytical challenges in an Onglyza^{Â®} intravenous [¹⁴C]microdose absolute bioavailability study with accelerator MS. Bioanalysis, 2012, 4, 1855-1870.	0.6	20

#	Article	IF	Citations
19	Determination of a novel thrombin receptor antagonist (SCH 530348) in human plasma: Evaluation of Ultra Performance Liquid Chromatographyâ„¢â€“tandem mass spectrometry for routine bioanalytical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 349-359.	1.4	3
20	Using temperature to optimize resolution and reduce analysis times for bioanalytical diastereomer LCâ€“MS/MS separations. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 179-185.	1.4	7
21	Regulated bioanalytical laboratory automation: where we came from, where we are and where we are going. Bioanalysis, 2011, 3, 1415-1418.	0.6	7
22	Implementation of high-temperature superficially porous technologies for rapid LCâ€“MS/MS diastereomer bioanalysis. Bioanalysis, 2011, 3, 735-743.	0.6	11
23	A high-throughput LCâ€“MS/MS method for the quantitation of posaconazole in human plasma: Implementing fused core silica liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 46-52.	1.4	62
24	Stereoselective quantitation of a serine protease inhibitor using LCâ€MS/MS at elevated column temperature. Journal of Separation Science, 2008, 31, 242-254.	1.3	11
25	A sensitive liquid chromatography and mass spectrometry method for the determination of posaconazole in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 228-236.	1.4	78
26	Simultaneous determination of desloratadine and pseudoephedrine in human plasma using micro solidâ€phase extraction tips and aqueous normalâ€phase liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 3145-3155.	0.7	27
27	Orthogonal extraction/chromatography and UPLC, two powerful new techniques for bioanalytical quantitation of desloratadine and 3-hydroxydesloratadine at 25 pg/mL. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 689-706.	1.4	63
28	Evaluation of automated micro solid phase extraction tips (Î¼-SPE) for the validation of a LCâ€“MS/MS bioanalytical method. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 843, 275-282.	1.2	41
29	Minimization of ion suppression in LCâ€“MS/MS analysis through the application of strong cation exchange solid-phase extraction (SCX-SPE). Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 359-367.	1.4	114
30	Characterization of ionophoreâ€“metal complexes by infrared multiphoton photodissociation and collision activated dissociation in a quadrupole ion trap mass spectrometer. Analyst, The, 2000, 125, 641-650.	1.7	32
31	Dissociation of doubly charged transition metal/polyether/pyridyl ligand complexes in a quadrupole ion trap mass spectrometer. Journal of the American Society for Mass Spectrometry, 1999, 10, 126-135.	1.2	27
32	Post-column metal complexation of quinolone antibiotics in a quadrupole ion trap. , 1999, 13, 1381-1389.		18
33	Formation of doubly charged transition metal-polyether-pyridyl mixed-ligand complexes by electrospray ionization. Journal of Mass Spectrometry, 1999, 34, 137-146.	0.7	28
34	Evaluation of proton-binding capabilities of polyether and pyridyl ligands. Journal of Mass Spectrometry, 1998, 33, 118-129.	0.7	10
35	Complexation of polyethers and pyridyl ligands with monopositive transition metal ions in the gas phase. International Journal of Mass Spectrometry, 1998, 176, 39-61.	0.7	15